

923

Register No.:

November 2022

Time – Three hours
(Maximum Marks: 75)

- [N.B.]**
1. Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory. Answer any FOUR questions from the remaining in each PART – A and PART – B.
 2. Answer division (a) or division (b) of each question in PART – C.
 3. Each question carries 2 marks in PART – A, 3 marks in Part – B and 10 marks in PART – C.]

PART – A

1. Define construction management.
2. Define sub contract.
3. Write any two forms of business organization.
4. Expand PWD, CPWD.
5. Define schedule.
6. Expand NIDCO, ICICI.
7. Expand WBC, PERT.
8. What is Arbitration?

PART – B

9. Differentiate administrative approval and technical sanction.
10. What is meant by project report?
11. What are the advantages of sole proprietorship?
12. Write about daily labour report with table.
13. What is the need for crashing an activity?
14. Define engineering ethics.
15. For how many days a worker may be asked to work continuously without a holiday.
16. What are the uses of computers in construction industries?

[Turn over.....

PART - C

17. (a) Explain the various stages in the construction of a project.

(Or)

(b) Explain in detail the different types of contracts.

18. (a) Write short notes on (i) Decentralization (ii) Percentage completion report.

(Or)

(b) What are the duties of assistant engineer?

19. (a) For construction project, the duration of various activities are given below draw the network diagram and mark EST, EFT, LST, LFT for each event. Locate critical path and estimate the project duration.

Activity	1-2	1-3	2-4	2-5	4-7	5-7	7-8	3-6	6-8
Duration in days	5	10	1	6	12	3	4	7	6

(Or)

(b) Write short notes on (i) Crashing method (ii) Resource management.

20. (a) Explain quality assurance techniques with reference to (i) Inspection (ii) Testing (iii) Sampling.

(Or)

(b) Describe in detail about factories Act.

21. (a) Write short notes on (i) SISI (ii) TANSIDCO

(Or)

(b) Briefly explain about (i) Construction automation and robotics (ii) Global banking culture.
